

EXAMINER'S AMENDMENT

A supplemental examiner's amendment to the record appears below.

Authorization for this examiner's amendment was given in a telephone interview with Stephen Maebius on 1/8/07.

1. The amendment to the specification submitted on 5/8/06 was in error as it was directed to amending the originally filed specification rather than the substitute specification filed on 12/26/01 and should not be entered.

2. Please amend the substitute specification filed on 12/26/01 as follows:

Replace paragraph [0042] on page 15 starting with "To demonstrate..." with the following rewritten paragraph:

To demonstrate the role of the mammalian *Msh2* gene in DNA mismatch repair and to address the role of mismatch repair in maintaining genome stability, we generated an ES cell line carrying a disruption in both copies of the mouse *Msh2* gene. This line is designated dMsh2-9 (ATCC deposit number RH532).